

ABSTRACT OF THE DISCLOSURE:

A method and device for using part of the tissue margin of an excised tissue specimen and a coating gel to form a sample block sliceable into sample slices. The method includes the steps of: positioning the part of the tissue margin on a substantially flat tissue supporting surface with its deep surface positioned adjacent or against the tissue supporting surface; covering the part of the tissue margin with an initial volume of coating gel; using a mold for molding the part of the tissue margin covered by the initial volume of coating gel into the sample block having a predetermined configuration and a predetermined size; at least partially freezing the sample block while the sample block remains inserted in the mold; removing the sample block from the mold. The device includes a sleeve component and a piston component having a tissue supporting surface. The sleeve wall is configured and sized for substantially fittingly receiving the piston component and allowing reciprocating movement thereof along the sleeve longitudinal axis. The device also includes a molding plate configured and sized so as to be positionable in a plate molding configuration wherein a molding surface thereof extends across the sleeve channel substantially adjacent the sleeve first end. When the molding plate is in a plate molding configuration, the molding surface, the supporting surface and the sleeve inner surface together encompass a molding volume for molding the sample block.